

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 05-081)

#3

In the Application of:

Cook et al.	)	
Serial No.: 10/522,490	)	Art Unit: Unknown
Filed: January 26, 2005	)	Examiner: Not Assigned
Title: Temperature Responsive Safety Devices For Munitions	)	

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In regard to the above identified application:

1. We are transmitting herewith the attached:
  - a. Information Disclosure Statement
  - b. Form PTO-1449
  - c. Copy of non-U.S. patent references
  - d. Return Receipt Postcard
2. With respect to additional fees:
  - a. Attached is a check in the amount of \$ -0-
3. Please charge any additional fees or credit overpayment to Deposit Account No.13-2490. A duplicate copy of this sheet is enclosed.
4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on this 29th day of April, 2005.

By :

A. Blair Hughes  
Reg. No. 32,901

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TC/



## PATENT

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(Case No. 05-081)

In the Application of: )  
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Filed: January 26, 2005 ) Examiner: Not Assigned  
Title: Temperature Responsive Safety Devices )  
For Munitions )

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97-1.98, applicants wish to make the following references of record in the above-identified application. These references may be material to the Examiner's consideration of the presently pending claims. Copies of the references cited below are enclosed along with a completed Form-1449.

**U.S. Patents**

	<u>Patent No.</u>	<u>Inventor</u>	<u>Publication Date</u>
1.	4,035,007	Harrison et al.	July 12, 1977
2.	5,060,470	Vanname	October 29, 1991
3.	6,321,656	Johnson	November 27, 2001
4.	6,450,725	Roth et al.	September 17, 2002

MCDONNELL BOHNEN HULBERT & BERGHOFF LLP  
300 South Wacker Drive  
Chicago, Illinois 60606

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TC/

**Foreign Patents**

	<u>Patent No.</u>	<u>Inventor</u>	<u>Publication Date</u>
1.	FR 2 686 410	Berton et al.	July 23, 1993
2.	FR 2 742 221	Mulleman	December 12, 1995
3.	EP 0 738 869	Lolive	October 23, 1996
4.	EP 0 334 731	Mulleman	September 27, 1989
5.	EP 0 310 369	Brown	April 4, 1989
6.	EP 0 004 696	Flaherty et al.	October 17, 1979
7.	WO 02/03019	Prytz	January 10, 2002
8.	WO 90/12237	Borden et al.	October 18, 1990
9.	JP 05322074 (Abstract)	Shibata	December 7, 1993
10.	JP 05099377 (Abstract)	Shibata	April 20, 1993
11.	JP 2000-106060	Takashi	April 11, 2000
12.	JP 8-189510	Mizuho	July 23, 1996
13.	DE 3007307	Melton et al.	July 23, 1981
14.	GB 2 352 768	Schlosser et al.	February 7, 2001

**Other Documents**

1. Search Report from the UK Patent Office for Application Number GB 0218598.1
2. International Search Report from the European Patent Office for Application Number PCT/GB03/03398

Summary of the Relevancy of Foreign Language References

FR 2 686 410 – this reference was cited in the Search Report issued by the European Patent Office in the corresponding PCT patent application. The International Search Report identifies the document as an “X” document with respect to claims 18-21, 47 and 48 – a document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone. The International Search Report also identifies the document as an “Y” document with respect to claims 1-10, 17, 19-22 and 33-46 – a document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document combined with one or more other such documents, such combination being obvious to a person skilled in the art.

FR 2 742 221 - this reference was cited in the Search Report issued by the British Patent Office in the corresponding British patent application. The British Search Report identifies the document as an “X” document – a document indicating lack of novelty or inventive step. The Search Report indicates that the Figure 1 and WPI abstract (1997-335500) as being particularly relevant to claims 1-2, 7-8, 10-11, 13 and 15-32.

EP 0 334 731 - this reference was cited in the Search Report issued by the British Patent Office in the corresponding British patent application. The British Search Report identifies the document as an “X” document – a document indicating lack of novelty or inventive step. The Search Report indicates that the Figure 1 and WPI abstract (1989-280046) as being particularly relevant to claims 1-3, 7-8, 10-13 and 15-32.

EP 0 738 869 - this reference was cited in the Search Report issued by the European Patent Office in the corresponding PCT patent application. The International Search Report identifies the document as an “X” document with respect to claims 47 and 48 – a document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone. The International Search Report also

identifies the document as an "Y" document with respect to claims 1-10, and 17 – a document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document combined with one or more other such documents, such combination being obvious to a person skilled in the art.

JP 2000-106060 - this reference was cited in the Search Report issued by the British Patent Office in the corresponding British patent application. The British Search Report identifies the document as an "X" document – a document indicating lack of novelty or inventive step. The Search Report indicates that the Figures 1-5 and WPI abstract (2000-335046) as being particularly relevant to claims 1-3, 7-8, 10, 11, and 15-32.

JP 08-189510 - this reference was cited in the Search Report issued by the British Patent Office in the corresponding British patent application. The British Search Report identifies the document as an "X" document – a document indicating lack of novelty or inventive step. The Search Report indicates that the Figures 1 and 2 and WPI abstract (1906-389423) as being particularly relevant to claims 1-5, 7-8, 10-13 and 15-32.

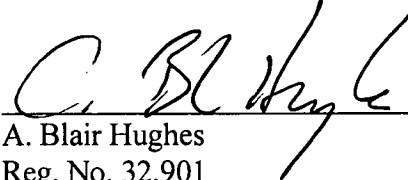
DE 3007307 - this reference was cited in the Search Report issued by the British Patent Office in the corresponding British patent application. The British Search Report identifies the document as an "X" document – a document indicating lack of novelty or inventive step. The Search Report indicates that the Figures 1-5 and WPI abstract (1981-55374) as being particularly relevant to claims 1-3, 7-8, 13 and 15-32.

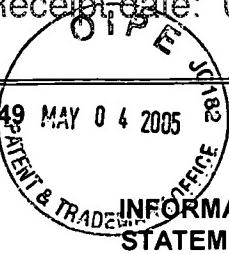
Respectfully submitted,

McDONNELL BOEHNEN HULBERT &  
BERGHOFF LLP

Dated: April 29, 2005

By:

  
A. Blair Hughes  
Reg. No. 32,901

 <b>FORM PTO-1449</b> MAY 04 2005 (Rev. 2-32)	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>		<b>Atty. Docket No.</b>	<b>Serial No.</b>	
			05-081	10/522,490	
	<b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>		<b>Applicant:</b>		
	(Use several sheets if necessary)		Cook et al.		
		<b>Filing Date:</b> 1/26/05	<b>Group:</b> Unknown		

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	4,035,007	7/12/77	Harrison et al.			
	5,060,470	10/29/91	Vannname			
	6,321,656	11/27/01	Johnson			
	6,450,725	9/17/02	Roth et al.			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	FR 2 686 410	7/23/93	FR				X
	FR 2 742 221	12/12/95	FR				X
	EP 0 738 869	10/23/96	EP				X
	EP 0 334 731	9/27/89	EP				X
	EP 0 310 369	4/4/89	EP				
	EP 0 004 696	10/17/97	EP				
	WO 02/03019	1/10/02	PCT				
	WO 90/12237	10/18/90	PCT				

EXAMINER	/Troy Chambers/ (02/08/2008)	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No.	Serial No.
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	05-081	10/522,490
		Applicant: Cook et al.	
		Filing Date: 1/26/05	Group: Unknown

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	JP 05322074 – Abstract	12/7/93	JP				
	JP 05099377 – Abstract	4/20/93	JP				
	JP 2000-106060	4/11/00	JP			X	
	JP 08-189510	7/23/96	JP			X	
	DE 3007307	7/23/81	DE			X	
	GB 2 352 768	2/7/01	GB				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

	Search Report from the UK Patent Office for Application Number GB 0218598.1
	International Search Report from the European Patent Office for Application Number PCT/GB03/03398

EXAMINER	/Troy Chambers/ (02/08/2008)	DATE CONSIDERED
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